

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2007/019940

**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. A61B10/04 A61F5/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

A61B A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005/075654 A1 (KELLEHER BRIAN [US]) 7 April 2005 (2005-04-07) paragraph [0007] – paragraph [0008] paragraph [0080]; figures 16a-16c	11,12, 14,19,20
X	WO 2006/055365 A (INTRAPACE INC [US]) 26 May 2006 (2006-05-26)	11-13, 15-18, 21,23-25
A	figures 5A-5B	16,19,20
X	US 2004/088023 A1 (IMRAN MIR A [US] ET AL) 6 May 2004 (2004-05-06) figures 11-14	11,19,22
A	US 2006/195139 A1 (GERTNER MICHAEL [US]) 31 August 2006 (2006-08-31) paragraph [0119]; figures 3A-3C paragraph [0217]; figures 10A-10B paragraph [0218]; figure 16	11-25

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority (claim(s)) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*a\* document member of the same patent family

Date of the actual completion of the international search

4 March 2008

Date of mailing of the international search report

14/03/2008

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### Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: 1-10 because they relate to subject matter not required to be searched by this Authority, namely:  
**Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery**
2.  Claims Nos.: because they relate to parts of the International application that do not comply with the prescribed requirements to such an extent that no meaningful International search can be carried out, specifically:
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 8.4(a).

### Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International search report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of additional fees.
3.  As only some of the required additional search fees were timely paid by the applicant, this International search report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No  
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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2005075654	A1	07-04-2005		NONE		
WO 2006055365	A	26-05-2006		NONE		
US 2004088023	A1	06-05-2004	US WO	2005065571 A1 2006034400 A2	24-03-2005 30-03-2006	
US 2006195139	A1	31-08-2006		NONE		